



NF18ACV - QUICK START GUIDE

VDSL / ADSL AC1600 WiFi Gigabit Modem Router

WELCOME

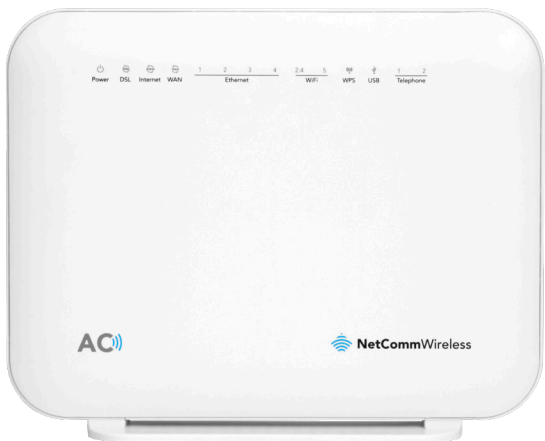
This quick start guide is designed to get you up and running quickly with your new router. More advanced set up instructions can be found in the user manual which can be downloaded from **www.netcommwireless.com**

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PACKAGE CONTENTS

1. VDSL2/ADSL2+ Dual Band AC1600 Gigabit Gateway with VoIP (NF18ACV)
2. RJ45 Ethernet cable
3. RJ11 Telephone cable
4. Power supply (12V/2A)
5. WiFi Security card
6. Warranty card
7. Quick Start Guide



1



2



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6



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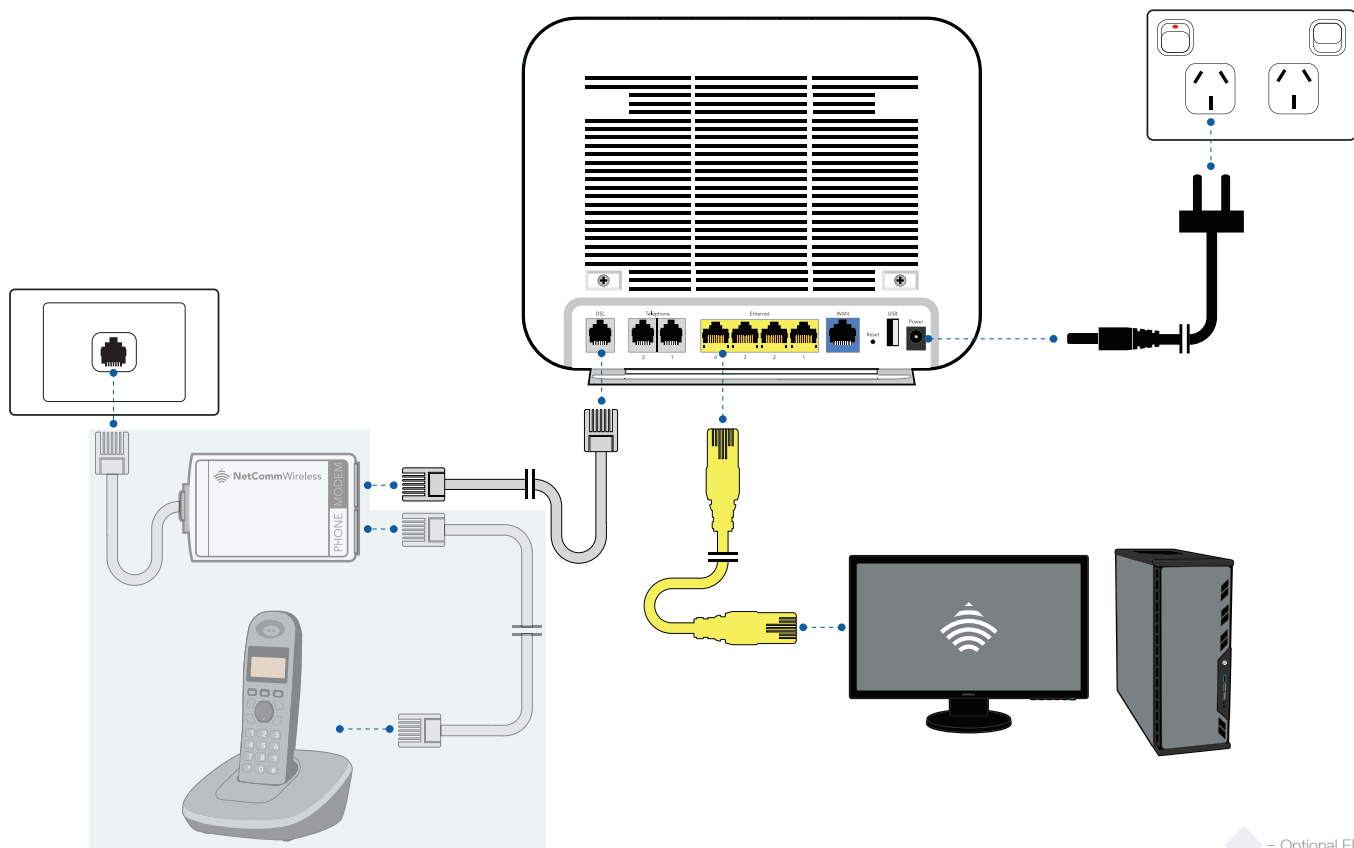
PRE-REQUISITES

If you are using a voice service on the same line as the DSL service, you will need a DSL line filter for each handset or back-to-base home alarm system on the line.

SETTING UP YOUR ROUTER

ADSL Connections

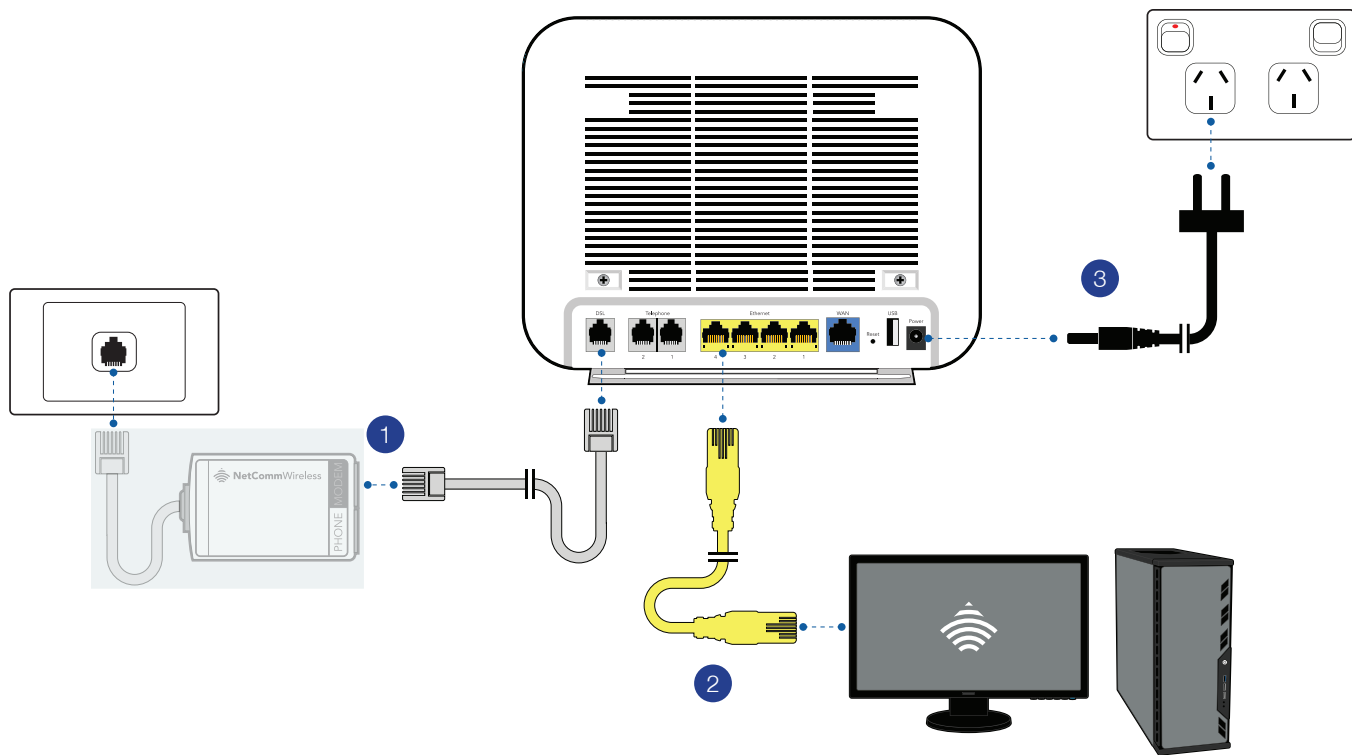
1. Connect the supplied RJ11 cable to the “modem” port of your DSL line filter and then connect the other end to the **DSL** port on the back of the NF18ACV. Connect the DSL line filter (not included) to the wall socket and then connect your handset to the “phone” port of the filter.
2. Connect the supplied RJ45 Ethernet cable from one of the yellow **Ethernet** ports (1-4) on the back of the NF18ACV to your computer.
3. Connect the included power adapter to the **Power** jack of the NF18ACV and then plug it into an available wall socket. Press the **ON/OFF** button to power the router on. The Power light illuminates in red. When the NF18ACV has finished booting up, the Power light turns green.



SETTING UP YOUR ROUTER

VDSL Connections

1. Connect the supplied RJ11 cable to the “modem” port of your DSL line filter and then connect the other end to the **DSL** port on the back of the NF18ACV. Connect the DSL line filter (not included) to the wall socket.
2. Connect the supplied RJ45 Ethernet cable from one of the yellow **Ethernet** ports (1-4) on the back of the NF18ACV to your computer.
3. Connect the included power adapter to the **Power** jack of the NF18ACV and then plug it into an available wall socket. Press the **ON/OFF** button to power the router on. The Power light illuminates in red. When the NF18ACV has finished booting up, the Power light turns green.

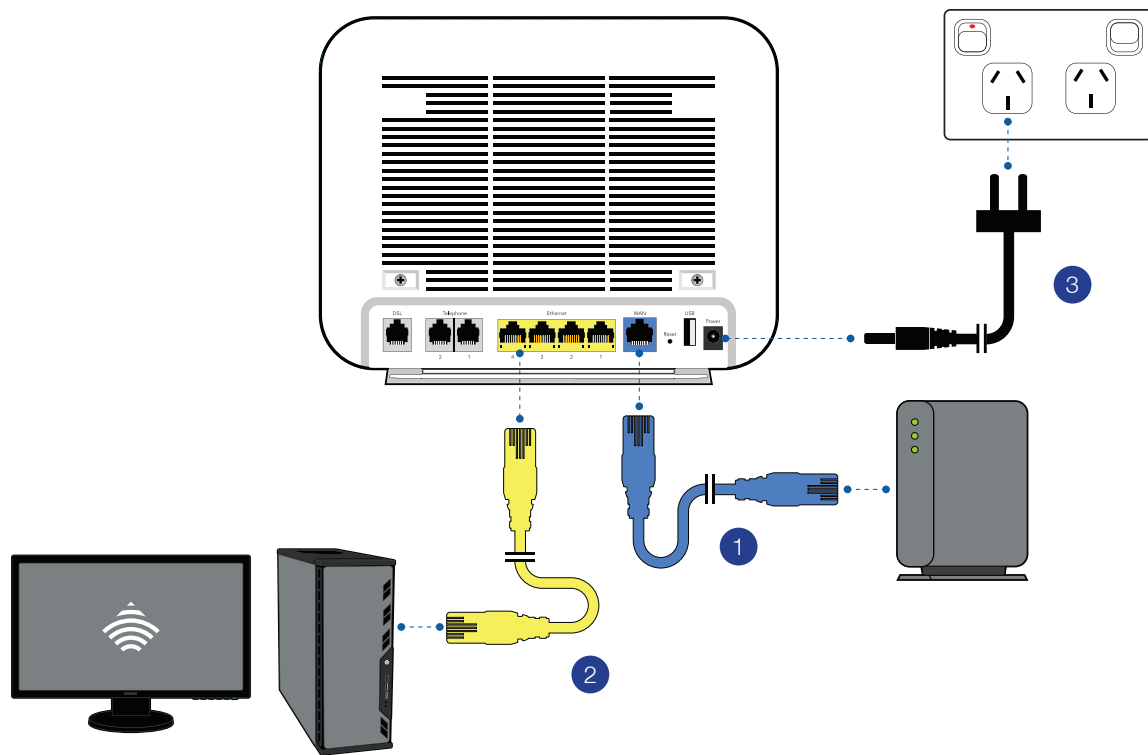


◆ = Optional Elements

SETTING UP YOUR ROUTER

Ethernet Connections

1. Connect a straight-through Ethernet cable to the blue **WAN** port on the back of the NF18ACV and then connect the other end to your upstream gateway device, e.g. an FTTP gateway or HFC cable modem.
2. Connect the supplied RJ45 Ethernet cable from one of the yellow **Ethernet** ports (1-4) on the back of the NF18ACV to your computer.
3. Connect the included power adapter to the **Power** jack of the NF18ACV and then plug it into an available wall socket. Press the **ON/OFF** button to power the router on. The Power light illuminates in red. When the NF18ACV has finished booting up, the Power light turns green.

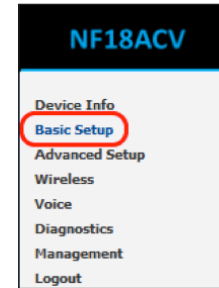


LOGGING INTO THE WEB INTERFACE

1. Open a web browser (such as Internet Explorer® / Microsoft Edge, Mozilla Firefox® or Google Chrome™), type **http://192.168.20.1** into the address bar and press **Enter**.
2. At the login screen, type **admin** into both the Username and the Password fields, then click the **OK** button.

CONFIGURING THE DEVICE FOR USE WITH AN INTERNET SERVICE

1. Click on the **Basic Setup** menu item on the left side of the screen.
2. Follow the instructions for your connection type.



ADSL

1. Select **ADSL** and click the **Next** button.

Basic > Quick Setup > Internet Setup

This Wizard is designed to walk you through the basic information needed to set up your device
To continue, please select your WAN connection type.

☒ ADSL
☐ VDSL
☐ Ethernet WAN

Next

2. Select either the PPPoE, PPPoA or Bridging for your internet connection as specified by your Internet Service Provider (ISP). Click the **Next** button.

Basic > Quick Setup > Wan Setup (Select one WAN mode)

Select the WAN mode for your internet connection as specified by your Internet Service Provider(ISP).

☒ PPP Over Ethernet (PPPoE)
☐ PPP Over ATM (PPPoA)
☐ Bridging

Back Next

3. In the **User ID** and **Password** fields, enter the username and password assigned to you by your Internet Service Provider (ISP). Click the **Finish** button.

The account settings are saved and the NF18ACV connects to the internet.

Basic > Quick Setup > ADSL only > PPPoE Information

Enter the User ID and Password assigned to you by your Internet Service Provider (ISP).

Protocol:	PPPoE
User ID:	<input type="text"/>
Password:	<input type="password"/>
VPI:	<input type="text" value="8"/>
VCI:	<input type="text" value="35"/>

VDSL

1. Select **VDSL** and click the **Next** button.

Basic > Quick Setup > Internet Setup

This Wizard is designed to walk you through the basic information needed to set up your device

To continue, please select your WAN connection type.

☐ ADSL

☒ VDSL

☐ Ethernet WAN

Next

2. Select the WAN mode for your internet connection as specified by your Internet Service Provider (ISP). Click the **Next** button.

Basic > Quick Setup > WAN Setup (Select one WAN mode)

Select the WAN mode for your internet connection as specified by your Internet Service Provider(ISP).

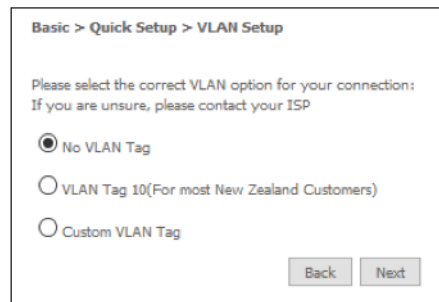
☒ PPP Over Ethernet (PPPoE)

☐ IP over Ethernet (IPoE)

☐ Bridging

Back Next

3. Select the correct VLAN option for your connection.
For **New Zealand** customers, the requirement for VDSL is **VLAN tag 10**. If you are not sure of the tagging requirement for your connection, please contact your ISP. Click the **Next** button.



Basic > Quick Setup > VLAN Setup

Please select the correct VLAN option for your connection:
If you are unsure, please contact your ISP

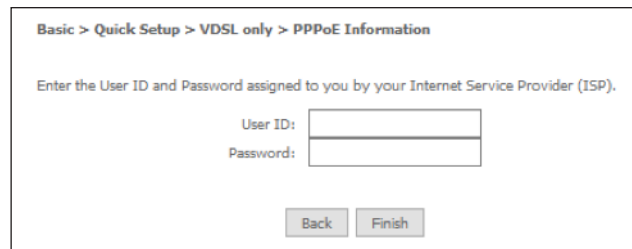
☒ No VLAN Tag

☐ VLAN Tag 10 (For most New Zealand Customers)

☐ Custom VLAN Tag

Back Next

4. In the **User ID** and **Password** fields, enter the username and password assigned to you by your Internet Service Provider (ISP).



Basic > Quick Setup > VDSL only > PPPoE Information

Enter the User ID and Password assigned to you by your Internet Service Provider (ISP).

User ID:

Password:

Back Finish

5. Click the **Finish** button when you have entered the required details. The account settings are saved and the NF18ACV connects to the internet.

Ethernet WAN

1. Select **Ethernet WAN** then click the **Next** button.

Basic > Quick Setup > Internet Setup (Select one DSL mode)

This Wizard is designed to walk you through the basic information needed to set up your device

To continue, please select your WAN connection type.

☐ ADSL

☐ VDSL

☒ Ethernet WAN

Next

2. Select the WAN mode for your internet connection as specified by your Internet Service Provider (ISP). Click the **Next** button.

Basic > Quick Setup > WAN Setup (Select one WAN mode)

Select the WAN mode for your internet connection as specified by your Internet Service Provider(ISP).

☒ PPP Over Ethernet (PPPoE)

☐ IP over Ethernet (IPoE)

Back Next

3. **PPP over Ethernet (PPPoE):** Select the correct VLAN option for your connection. For **New Zealand** customers, the requirement for VDSL is **VLAN tag 10**. If you are not sure of the tagging requirement for your connection, please contact your ISP.
4. In the **User ID** and **Password** fields, enter the username and password assigned to you by your Internet Service Provider (ISP). Click the **Finish** button when you have entered the required details.
5. **IP over Ethernet (IPoE):** Select the correct VLAN option for your connection. For **New Zealand** customers, the requirement for VDSL is **VLAN tag 10**. If you are not sure of the tagging requirement for your connection, please contact your ISP.

Basic > Quick Setup > VLAN Setup

Please select the correct VLAN option for your connection:
If you are unsure, please contact your ISP

☒ No VLAN Tag

☐ VLAN Tag 10 (For most New Zealand Customers)

☐ Custom VLAN Tag

Back Next

Basic > Quick Setup > Ethernet WAN only > PPPoE Information

Enter the User ID and Password assigned to you by your Internet Service Provider (ISP).

User ID:

Password:

Back Finish

Basic > Quick Setup > VLAN Setup

Please select the correct VLAN option for your connection:
If you are unsure, please contact your ISP

☒ No VLAN Tag

☐ VLAN Tag 10 (For most New Zealand Customers)

☐ Custom VLAN Tag

Back Next

Basic > Quick Setup > Ethernet WAN only > IPoE Information

You can configure your IP over Ethernet(IPoE) settings as supplied by your Internet Service Provider(ISP). If your ISP supplied a static IP address, you can enter the details here. Otherwise, select "Obtain an IP address automatically".

☒ Obtain an IP address automatically
☐ Use the following Static IP address

Back Next

6. If your ISP has supplied a static IP address, select **Use the following Static IP address** and enter the details, otherwise select **Obtain an IP address automatically**. Click the **Next** button.

WAN Basic Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	IPoE
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Enabled

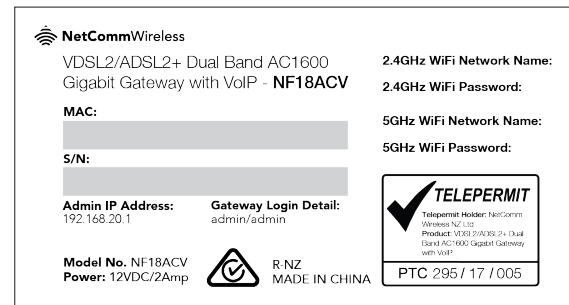
Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

Back Apply/Save

7. The settings are displayed in a summary. Click **Apply/Save** to save them.

CONNECTING WIRELESS DEVICES

The default settings of the router have the wireless function enabled so there is no configuration necessary to use the wireless function, simply connect to the SSID (network name) listed on the WiFi security card or on the label located under your router. When prompted, enter the password that is also printed on the card or router label.



CHANGING THE WIRELESS PASSWORD

The security settings of the 2.4GHz and 5GHz bands are configured separately. If you would like to change the wireless password to something easier to remember, follow these steps for each band that you would like to change.

1. From the menu on the left side of the screen, select **Wireless-> {2.4GHz or 5GHz} -> Security**. The Wireless Security page for the chosen band is displayed.

2. In the **WPA/WAPI passphrase** field, enter the desired password to use for the wireless network. When choosing a password, try to ensure that it
 - is unique;
 - is sufficiently long (at least 8 characters in length);
 - uses a mix of letters, numbers and symbols;
 - does not contain any personal information or common words.
3. Click the **Apply/Save** button.

Manual Setup AP

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click 'Apply/Save' when done.

Select SSID:

Network Authentication:

Protected Management Frames:

WPA/WAPI passphrase: [Click here to display](#)

WPA Group Rekey Interval:

WPA/WAPI Encryption:

WEP Encryption:

CHANGING THE ADMINISTRATOR PASSWORD

We strongly recommend that you change the administrator password used to access the web interface to a more secure password. To change the administrator password:

1. From the menu on the left side of the screen, select **Management-> Access Control**.
2. In the **Old Password** field, enter the current administrator password (admin is the default password).

3. In the **New Password** and **Confirm Password** fields, enter a new password. When choosing a password, try to ensure that it:
- is unique;
 - is sufficiently long (at least 8 characters in length);
 - uses a mix of letters, numbers and symbols;
 - does not contain any personal information or common words.
4. Click the **Apply/Save** button.

Access Control -- Passwords
Use the fields below to enter up to 15 characters and click 'Apply/Save' to change or create passwords. Note: Password cannot contain a space.
Username:
New Username:
Old Password:
New Password:
Confirm Password:

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